device U with display/screen M folded on display/screen N is presented in the perspective, and in such a way the portable eletronic device and the displays/screens make together one whole and a compact portable electronic device.

[0021] In accordance with the invention and referring to **FIG. 4**, the schematic appearance of portable electronic device U and display/screen M, which in this case is lifted at an angle of 90° with respect to display/screen N, is presented in the perspective.

[0022] In accordance with the invention and reffering to **FIG. 6**, the schematic appearance of portable electronic device U and the way of folding and unfolding display/screen M, which in this case is opened at an angle of 180° with respect to display/screen N, is presented in the perspective.

[0023] In accordance with the invention and referring to **FIG. 6** it is visible that for the second realisation way of the invention FOLDABLE DISPLAY/SCREEN FOR PORTABLE ELECTRONIC DEVICES, for the complex consisting of several displays/screens foldable and unfoldable along the vertical axis (along height b of the display/screen) it is necessary the standard display/screen, which width a to height b ratio makes 4:3 and which is shematically presented in Detail X **FIG. 1** on which the schematic shape of circle S is presented, to divide vertically in two or more displays/screens, where width c of individual display/screen **1** is related to height b of individual display/screen **1** according to formula (2) c=a:n where c=active width of the individual display/screen, a=total active width of all displays/screen, n=number of individual displays/screens (in this case 3), and according to formula (3) b=(a:4)×3 where b=active height of the individual display/screen, a=total active width of all displays/screens. In such a way, as this is visible in detail Z1**FIG. 6**, the entire schematic shape of circle S presented in Detail X **FIG. 1** is divided in three parts along the vertical axis and presented in three parts **S1**, **S2** and **S3** on three separate displays/screens **1**, what is schematically presented by the drawing in detail Z1**FIG. 6**. The folding and unfolding way of display/screen **1** is presented in perspective in detail Z2**FIG. 6**. From the presented in detail Z2**FIG. 6** it is visible in the perspective that one of the displays/screens together with the portable electronic device is joint in one whole. According to formula (2) c=a:n and formula (3) b=(a:4)×3, the complex consisting of several displays/screens foldable and unfoldable along the vertical axis can be folded or unfolded along as many vertical axes as many the user wishes it, and it consists of as many displays/screens as many the user wishes them.

[0024] In accordance with the invention and reffering to **FIG. 6** it is visible that for the third realisation way of the invention FOLDABLE DISPLAY/SCREEN FOR PORTABLE ELECTRONIC DEVICES, for the complex consisting of three or more displays/screens foldable and unfoldable along the horizontal axis (along width a of the display/screen) it is necessary the standard display/screen, which width a to height b ratio makes 4:3 and which is shematically presented in Detail X **FIG. 1** and on which the schematic shape of circle S is presented, to divide horizontally in three or more displays/screens, where width a of individual display/screen **1** is related to height b of individual display/screen **1** according to formula (1) b=[(a:4)×3]:n where a=active width of the individual display/screen, b=active height of the individual display/screen, n=number of individual displays/screens (in this case 3). In such a way, as it is visible in detail Z3**FIG. 6**, the entire schematic shape of circle S presented in Detail X **FIG. 1** is divided in three parts **S1**, **S2** and **S3** on three separate displays/screens **1**, what is by the drawing presented in detail Z4**FIG. 6**. The folding and unfolding way of displays/screen **1** is presented in the perspective in detail Z4**FIG. 6**. From the presented in detail Z4**FIG. 6** it is visible in the perspective that one of the displays/screens together with the portable electronic device is joint in one whole. According to formula (1) b=[(a:4)×3]:n the complex consisting of several displays/screens foldable and unfoldable along as many horizontal axes as many the user wishes it, and it can consist of as many displays/screens as the user wishes them.

[0025] In accordance with the invention and referring to **FIG. 6** it is visible that for the fourth realisation way of the invention FOLDABLE DISPLAY/SCREEN FOR PORTABLE ELECTRONIC DEVICES, for the complex consisting of several displays/screens foldable and unfoldable along one or more vertical and along one or more horizontal axis it is necessary the standard display/screen, which width a to height b ratio makes 4:3 and which is schematically presented in Detail X **FIG. 1** and on which the schematic shape of circle S is presented, to divide horizontally and vertically into several displays/screens, which dimensions are determined according to formula (4) (a×n):(b×n)=4:3 where a=active width of the individual display/screen, b=active height of the individual display/screen, n=number of the individual displays/screens (in this case 4). In such a way, as it is visible in detail Z5**FIG. 6**, the schematic shape of circle S presented in Detail X **FIG. 1** is divided into two parts along the horizontal axis and into two parts along the vertical axis and presented in four parts **S1**, **S2**, **S3** and **S4** on four separate displays/screens **1**, what is presented by the drawing in detail Z5**FIG. 6**. From the presented in detail Z6 and Z7**FIG. 6**. it is visible in the perspective that one of the displays/screens together with the portable electronic device is joined in one whole.

[0026] According to formula (4) (a×n):(b×n)=4:3 the complex consisting of several displays/screens foldable and unfoldable along one or several horizontal and along one or several vertical axes can be folded and unfolded along as many horizontal or vertical axes as many the user wishes it. The complex can consist of as many displays/screens as many the user wishes them.

[0027] In accordance with the invention and referring to details d., e., f. in **FIG. 7** the schematic appearance of portable electronic device U with the complex of several displays/screens foldable and unfoldable along several vertical axes in detail d. along several horizontal axes in detail e and along both the horizontal and vertical axis in detail f, where none of the displays with portable electronic device U is connected in one whole but one or several displays/screens **1** is connected with portable electronic device U by means of the cable or in some other way.

[0028] In accordance with the invention and referring to **FIGS. 1 and 6** the total active width of all individual displays/screens is related to the total active height of all indivisual displays/screens by the ratio 4:3 regardless to the number of displays/screens and regardless to the number of